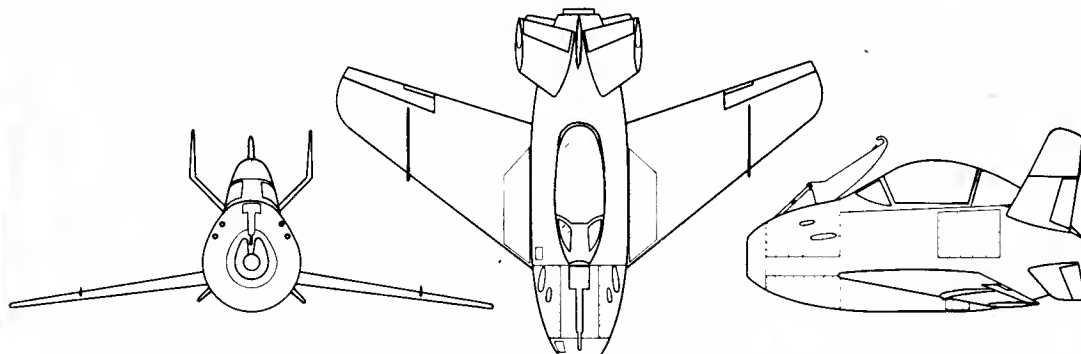


Unclassified
~~CONFIDENTIAL~~

A-1
(X)F-85/CHAR
EXPERIMENTAL

Characteristics Summary

FIGHTER..... XF-85



MCDONNELL

Wing area 100.5 sq ft

Length 14.8 ft

Span 21.1 ft

Height (Flt.Pos. 8.3)ft
(Wgs.Fold. 10.9)ft

AVAILABILITY

Number available

ACTIVE

RESERVE

TOTAL

PROCUREMENT

Number to be delivered in fiscal years

STATUS

EXPERIMENTAL

1. Letter of contract date: 16 July 1946
2. Number on contract: Two
3. Contract number: AC-13496
4. First flight: 23 August 1948

POWER PLANT

(1) Turbo-Jet
J 34-WE-22
Westinghouse

S.L.Static LB - RPM

T.O: 3000 - 12,500
Max: 3000 - 12,500
Nor: 2290 - 11,500

FEATURES

Crew: 1
Folding Wings
Speed Brakes
Cabin Pressurization
Cabin Heating and Cooling
Ejection Seat, Canopy and
Windshield
Sky Hook
Anti "G" Suit Prov.

ARMAMENT

Turrets: None
Guns: (4) .50 cal
Ammunition: 1200 rds
Gun Camera: AN-N6

Classification cancelled
or changed to

AUTH: AFSC AFSC Section 1
By: A. R. Donnellon 3 Sept 64
Signature and Grade 8 Dec 66

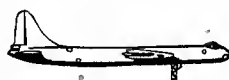
7 JUNE 1949

~~CONFIDENTIAL~~

XF-85

Characteristics Summary Basic MissionXF-85

AIR LAUNCHED



40,000 FT.

PERFORMANCE**ENDURANCE**

77 minutes at 372 knots at 40,000 ft

or

20 minutes at 498 knots plus
32 minutes at 372 knots at 40,000 feet.**COMBAT SPEED**505 knots at
35,000 ft alt, max power**MAXIMUM SPEED**563 knots at
zero ft alt, max power**CLIMB**_____ fpm
sea level, take-off weight
normal power**CEILING**_____ ft
100 fpm, take-off weight
normal power**TAKE-OFF**

AIR LAUNCHED

_____ ft
no assist_____ ft
assisted12,500 fpm
sea level, combat weight
maximum power46,750 ft
500 fpm, combat weight
maximum power

AIR LAUNCHED

_____ ft
no assist_____ ft
assisted**LOAD**Ammunition:
1200 rds/.50 calFuel: 115 gal
protected 100 %
droppable 0 %
external 0 %**WEIGHTS**

Empty..... 3984 lb

Combat... 5600 lb

Take - off 5600 lb

*Design gross weight

STALLING SPEED_____ knots
flaps down, take-off weight**TIME TO CLIMB**5.1 min.
S.L. to 35,000 ft.**NOTES**

1. PERFORMANCE BASIS: NACA standard conditions no wind, single airplane;
2. Performance based on manufacturer's estimates for design conditions.
3. REVISION BASIS: Initial issue